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OPTICAL-BASED SENSING DEVICES

Arthur E. Colvin, Jr.

Atty. Dkt. 2232-205

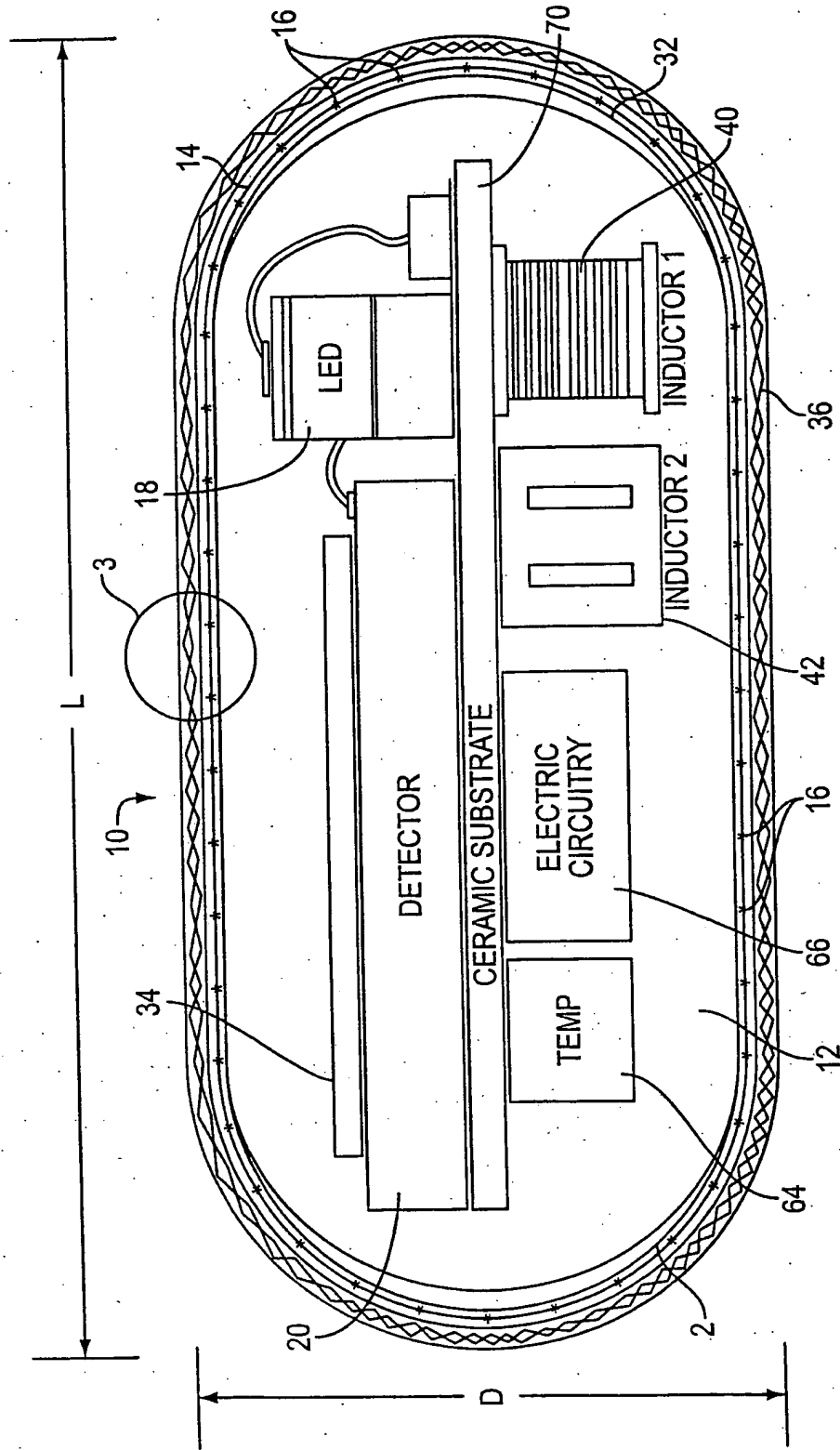


FIG. 1

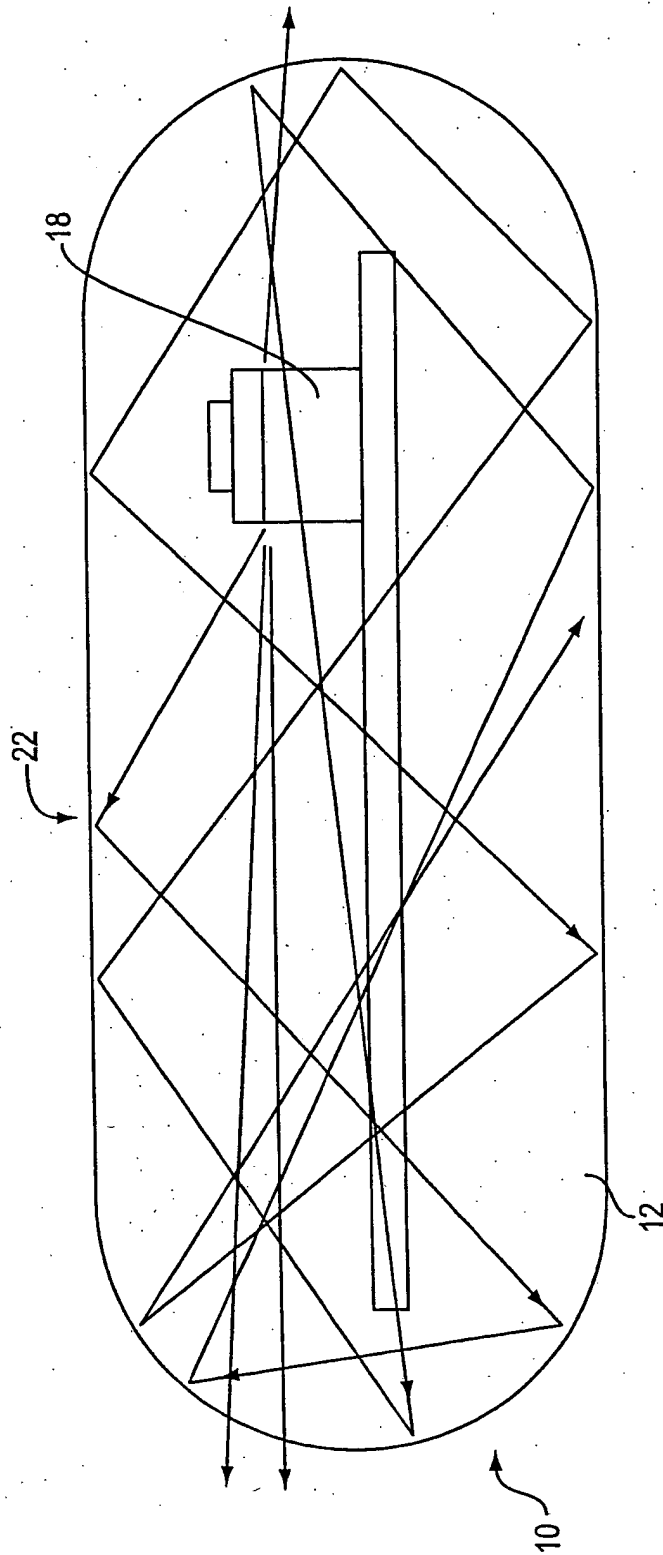


FIG. 2

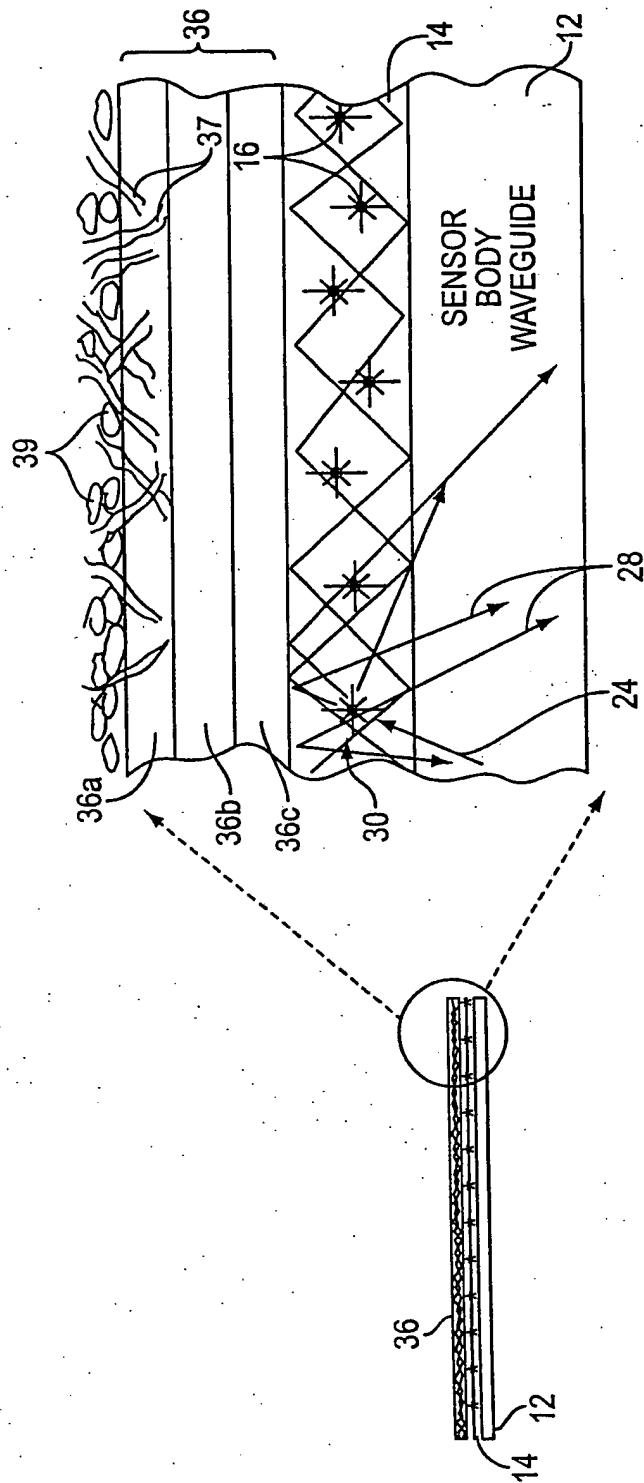


FIG. 3

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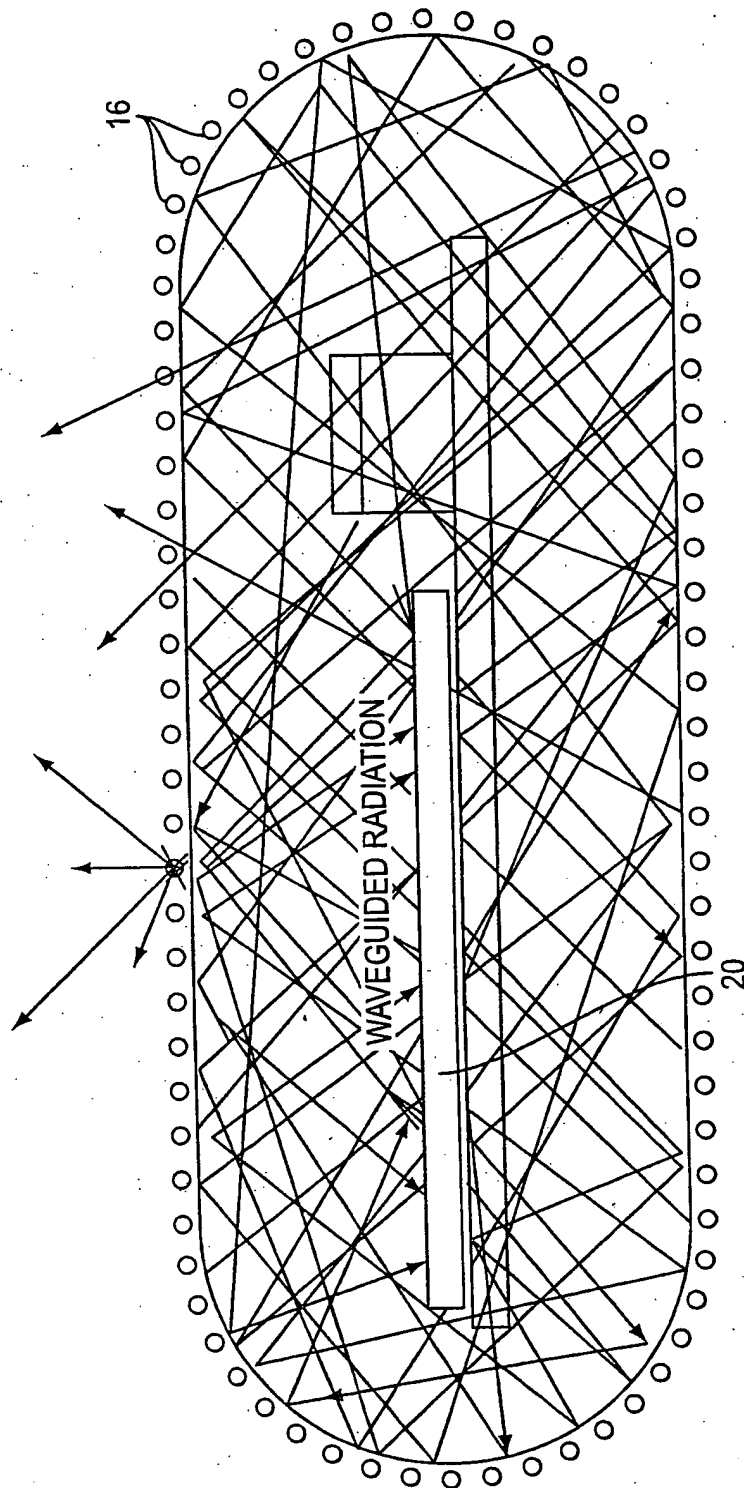


FIG. 4

OPTICAL-BASED SENSING DEVICES

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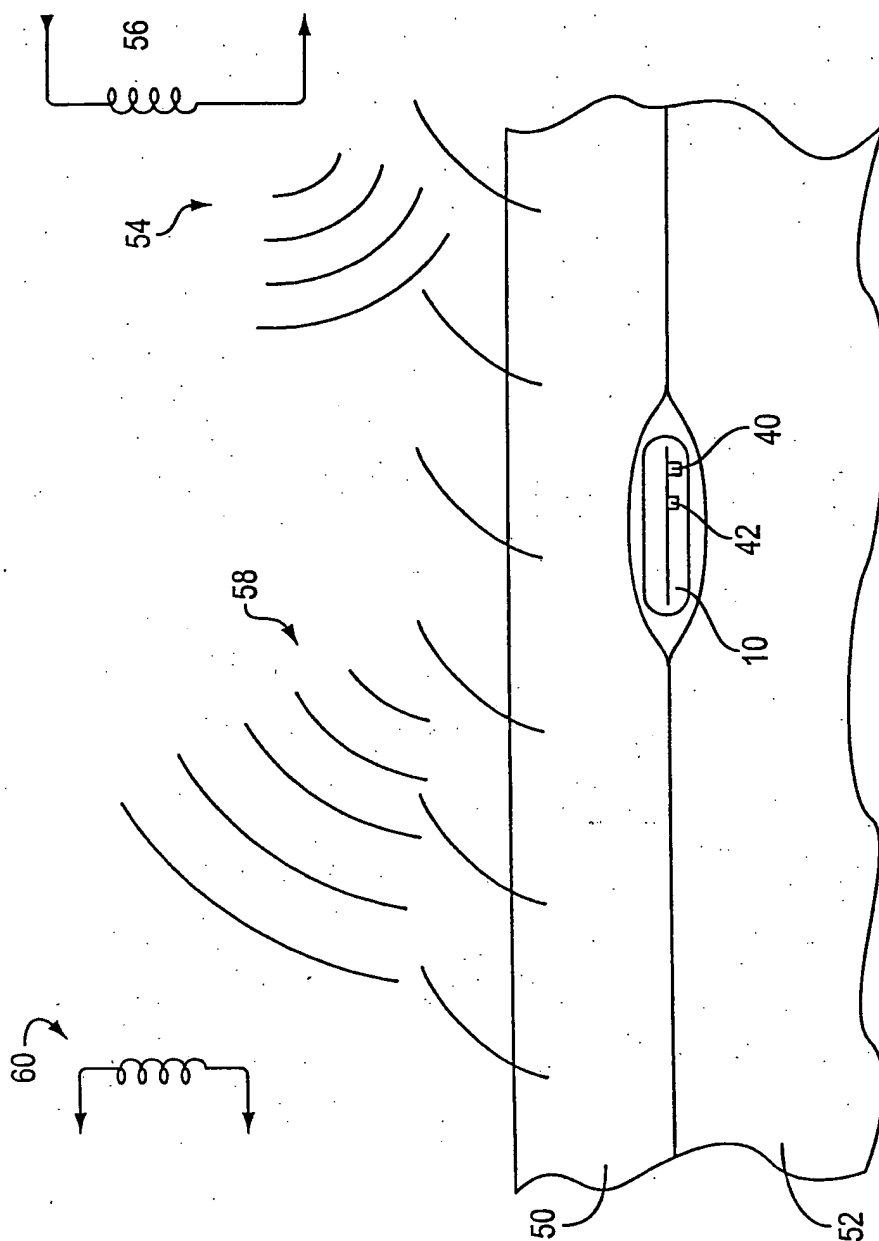


FIG. 5

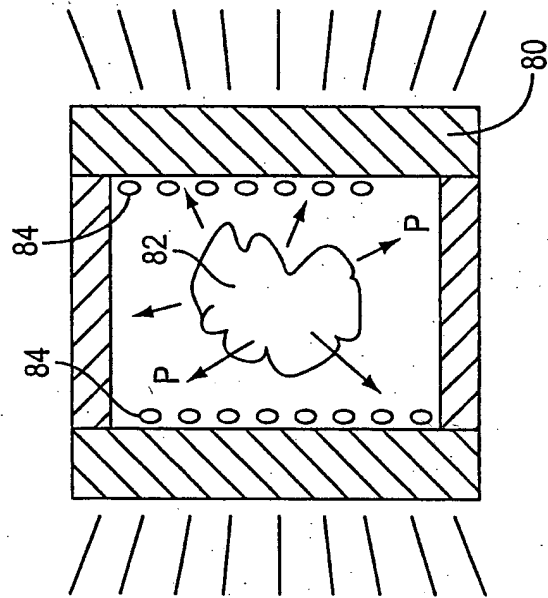


FIG. 6

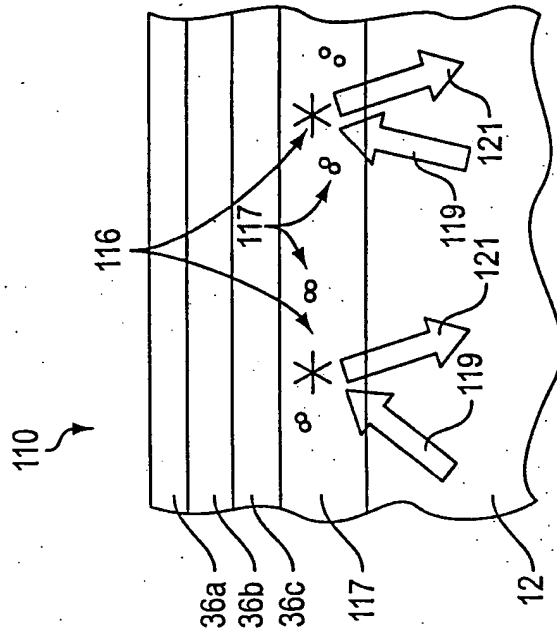


FIG. 7A

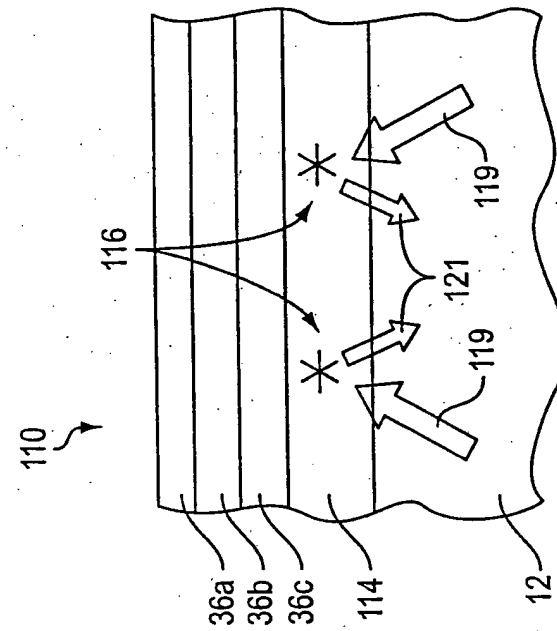


FIG. 7B



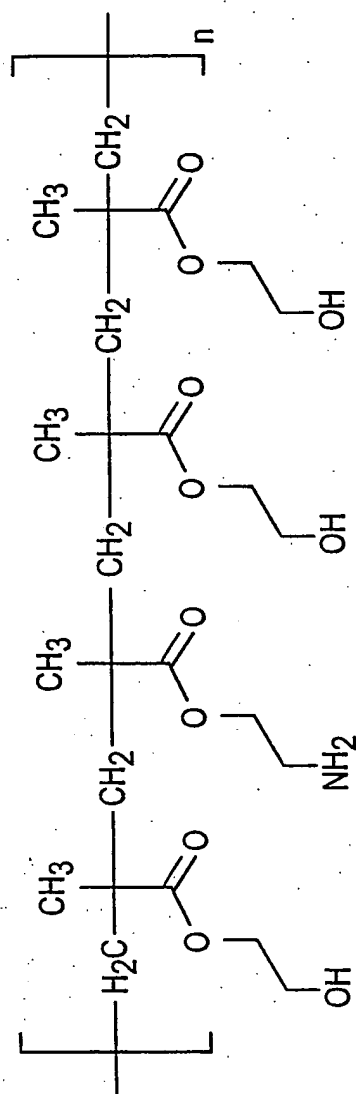


FIG. 8



# OPTICAL-BASED SENSING DEVICES

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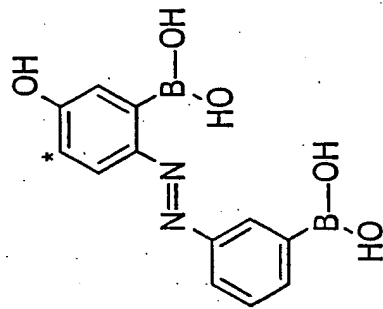


FIG. 10

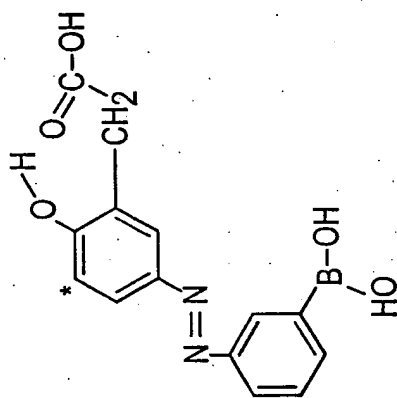


FIG. 11

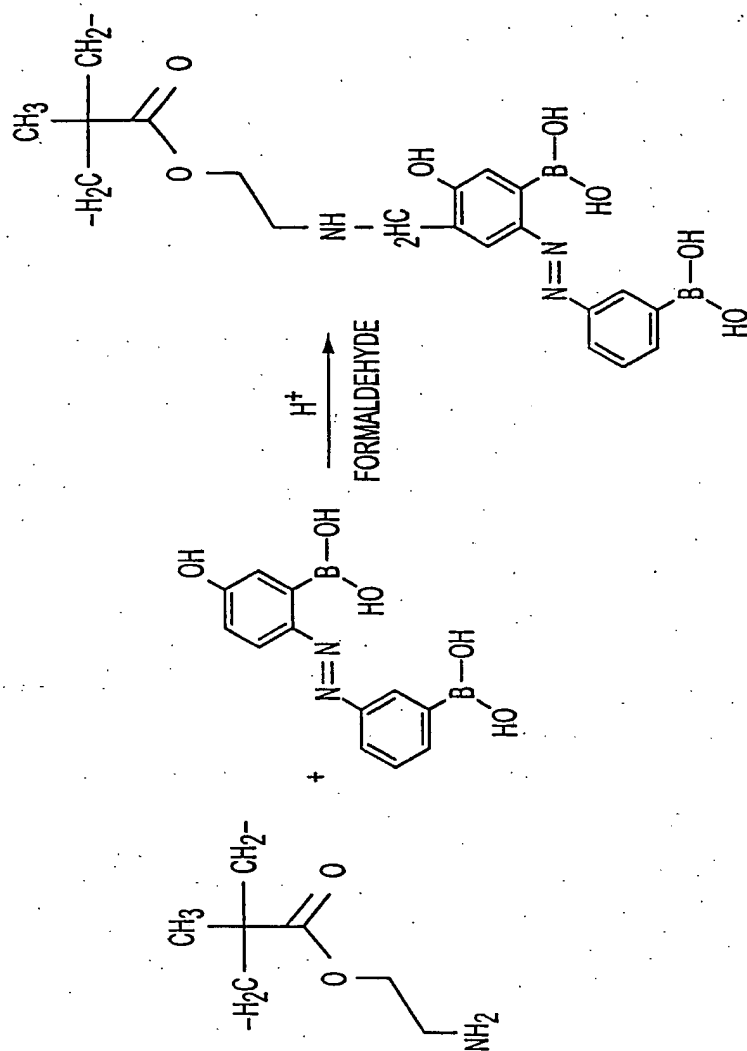


FIG. 12

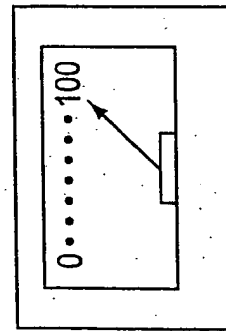
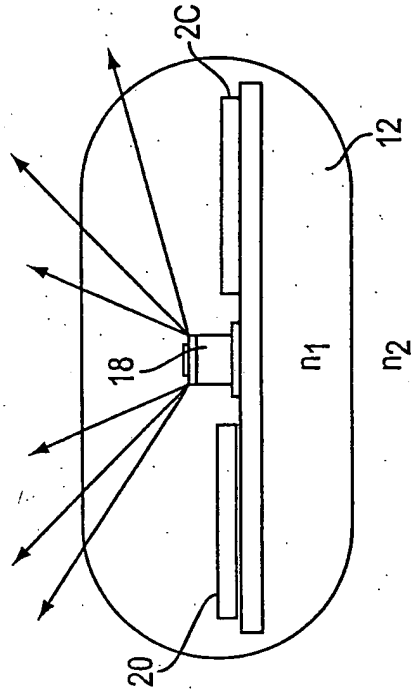


FIG. 13A

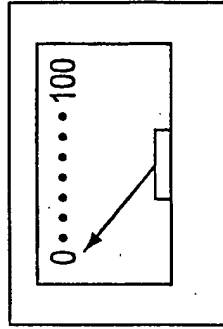
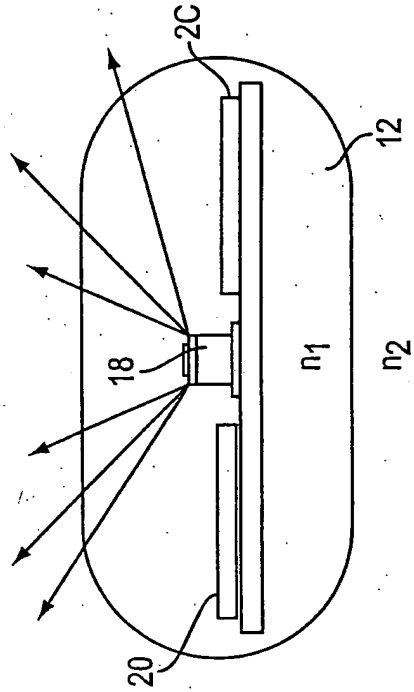
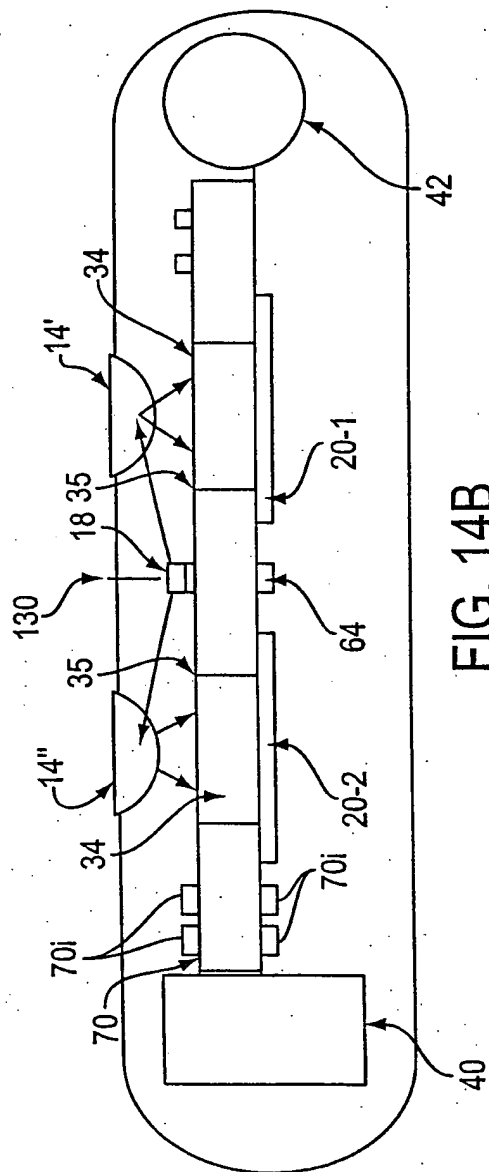
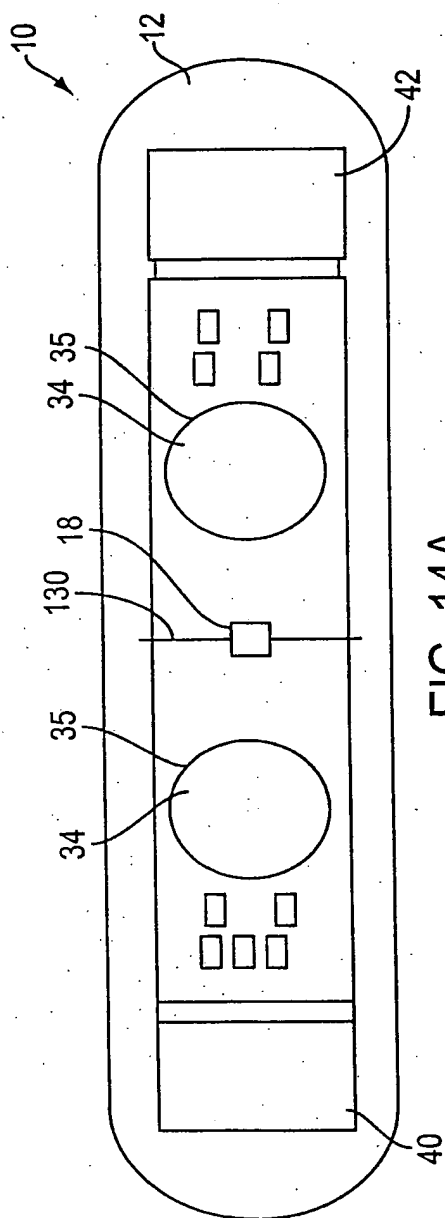
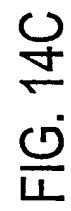


FIG. 13B



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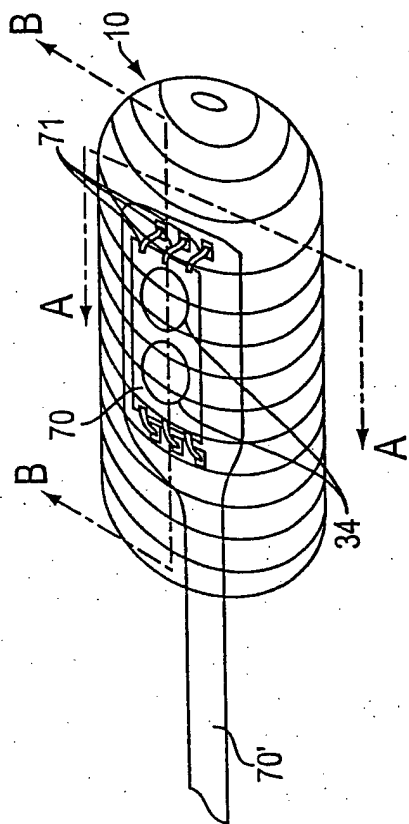


FIG. 14D

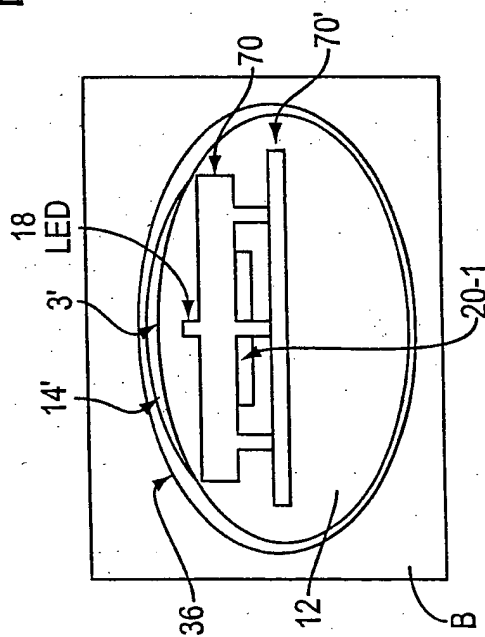


FIG. 14E

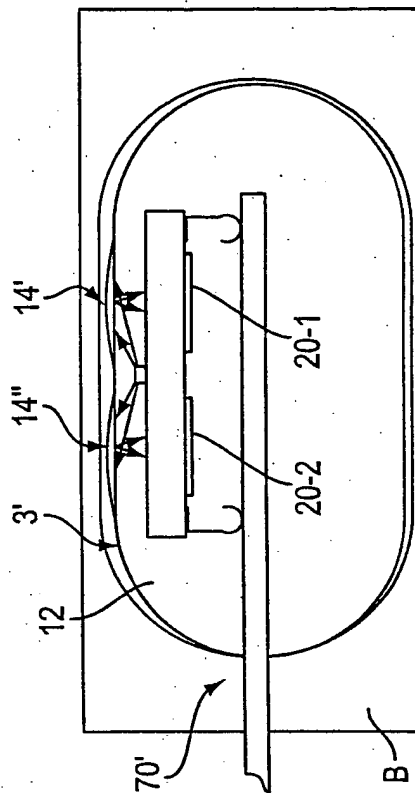
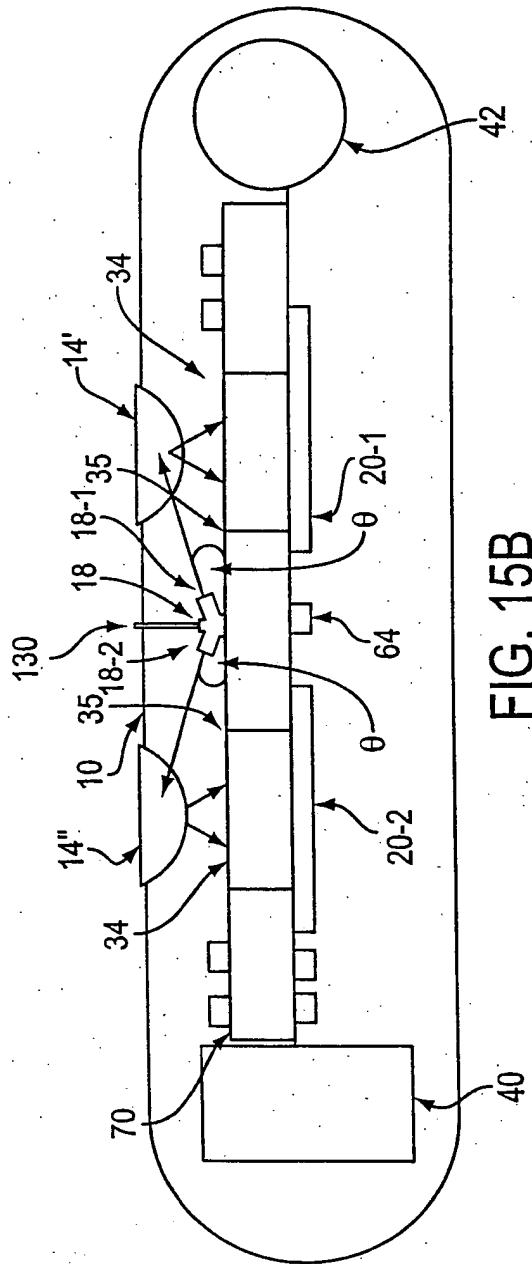
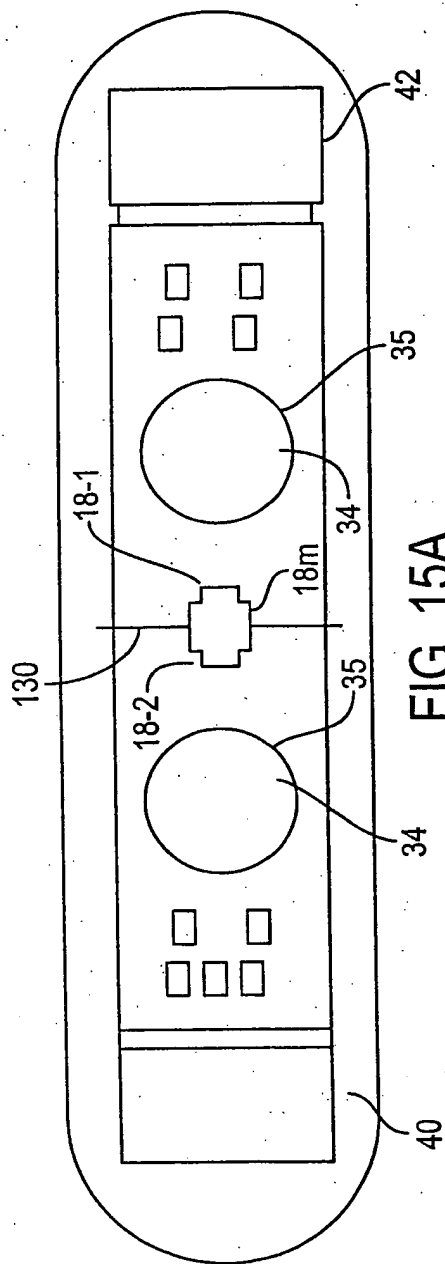
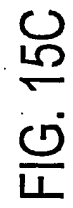
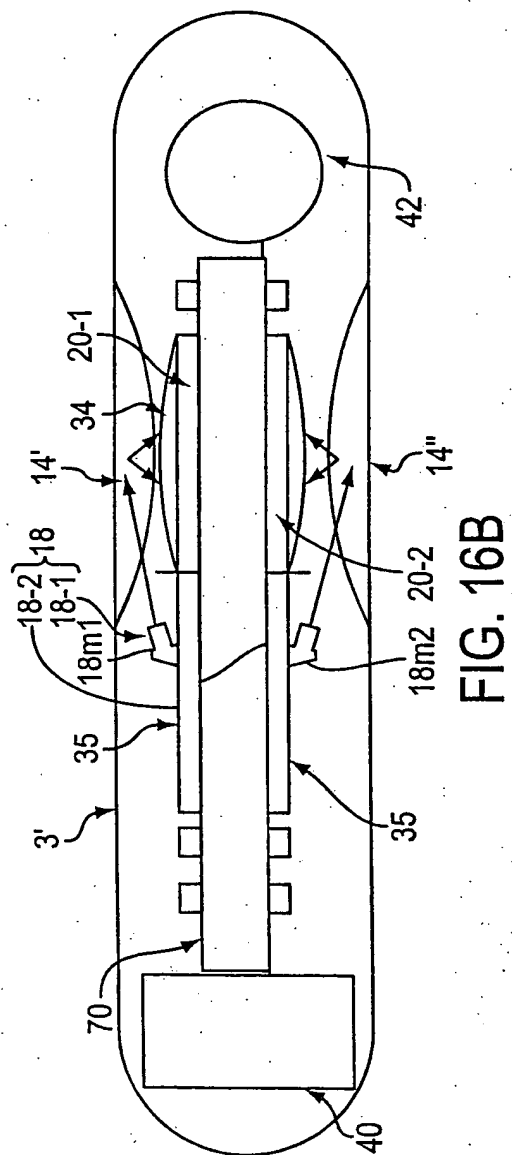
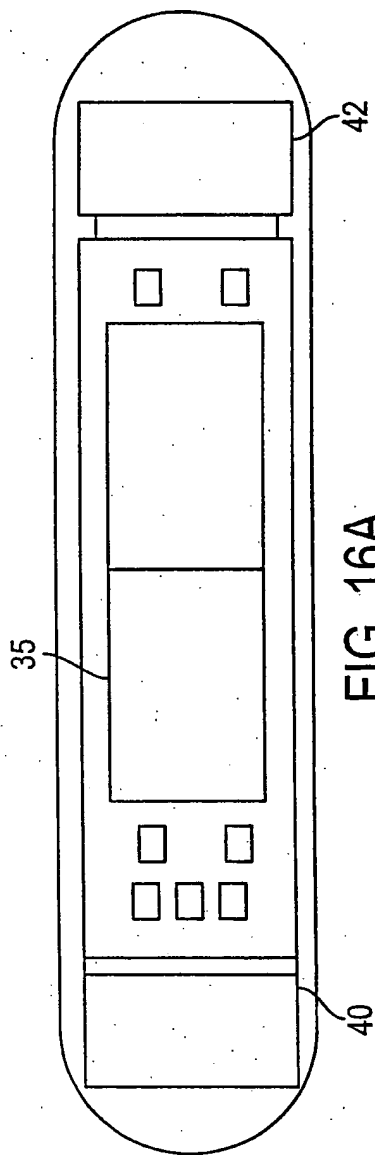


FIG. 14F







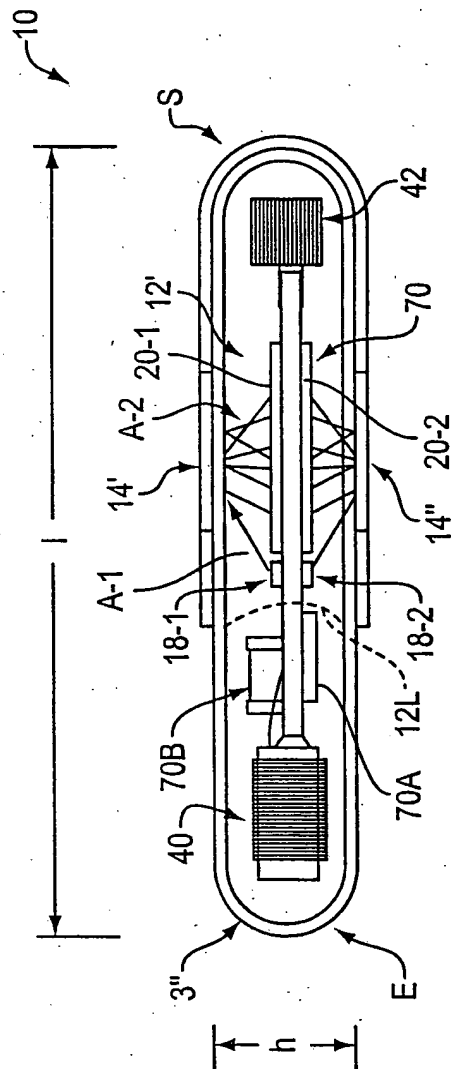


FIG. 17A

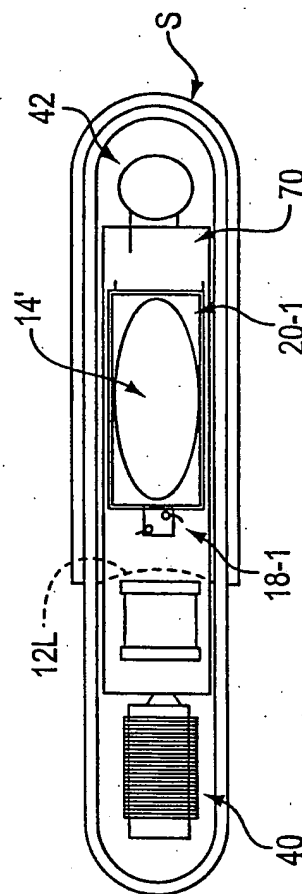


FIG. 17B

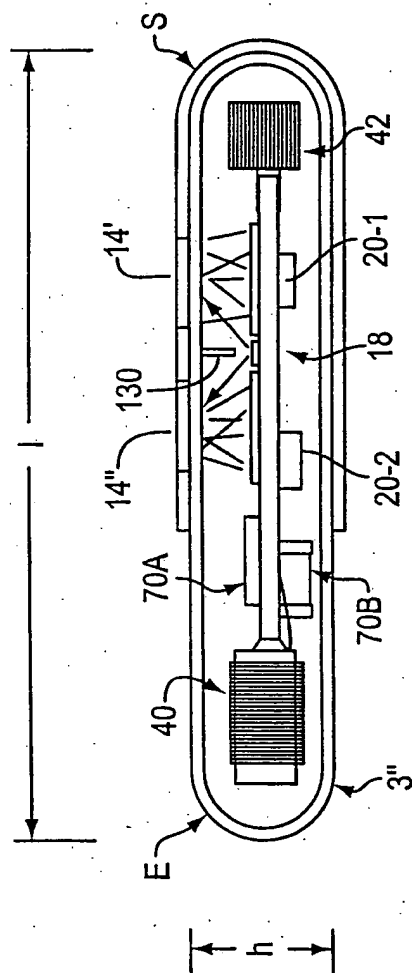


FIG. 17C

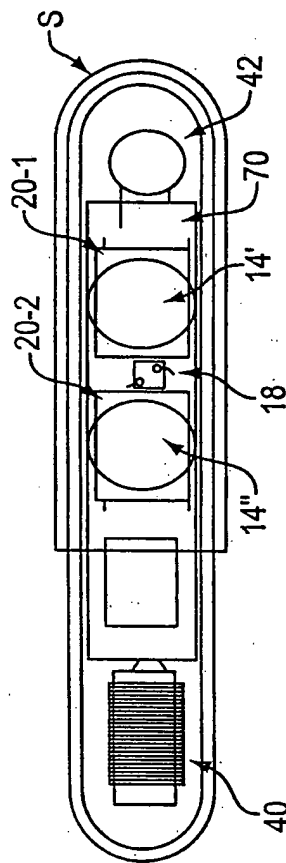


FIG. 17D

# OPTICAL-BASED SENSING DEVICES

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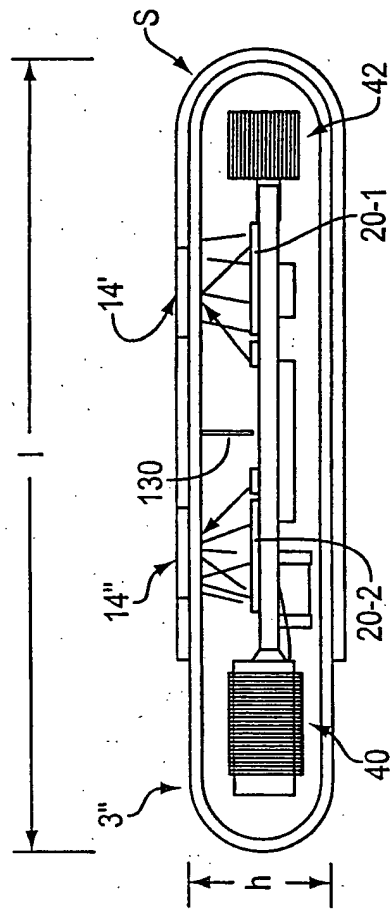


FIG. 17E

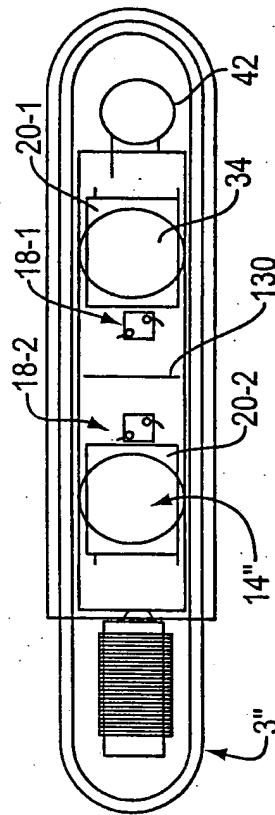
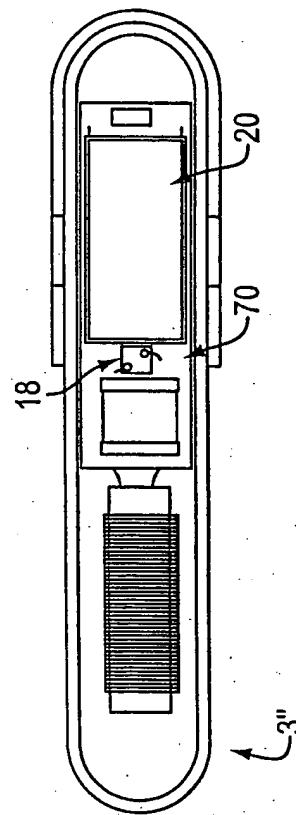
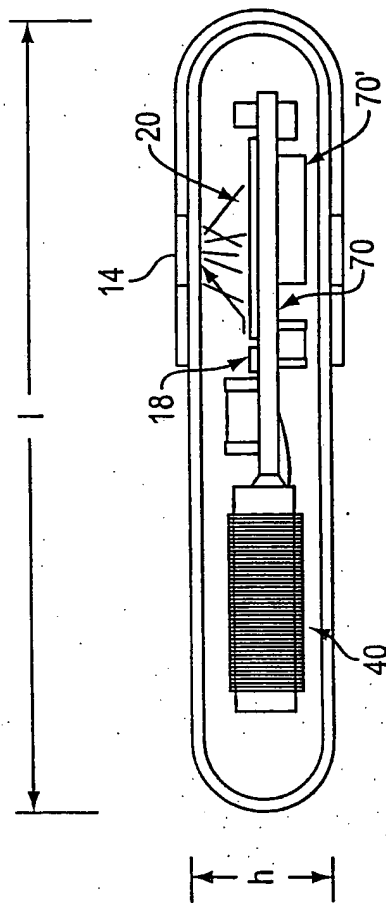


FIG. 17F

OPTICAL-BASED SENSING DEVICES

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OPTICAL-BASED SENSING DEVICES

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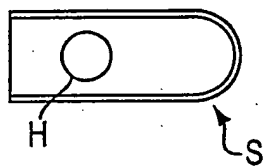


FIG. 19A

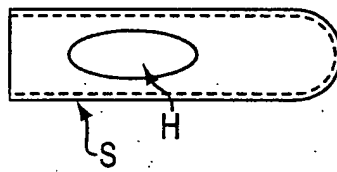


FIG. 19E

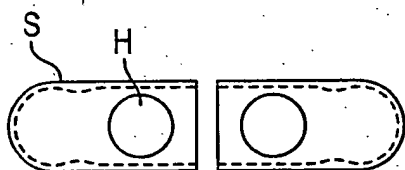


FIG. 19B

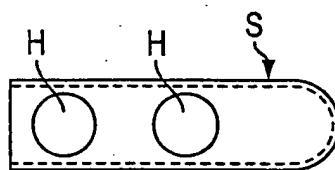


FIG. 19F

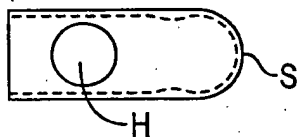


FIG. 19C

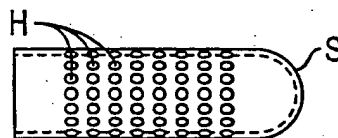


FIG. 19G

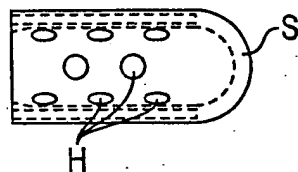


FIG. 19D

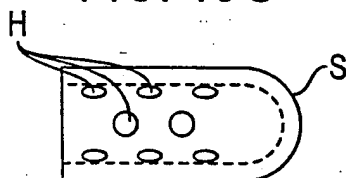


FIG. 19H

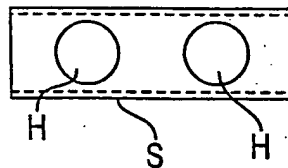


FIG. 19I

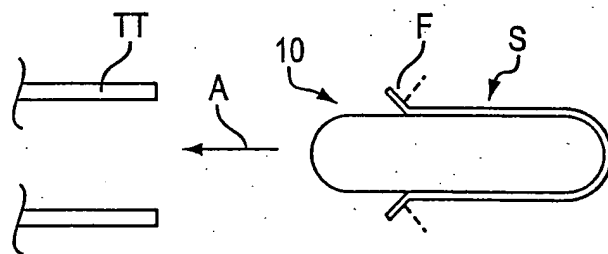
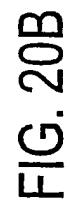
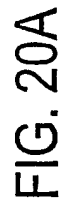


FIG. 19J



OPTICAL-BASED SENSING DEVICES

Arthur E. Colvin, Jr.

Atty. Dkt. 2232-205

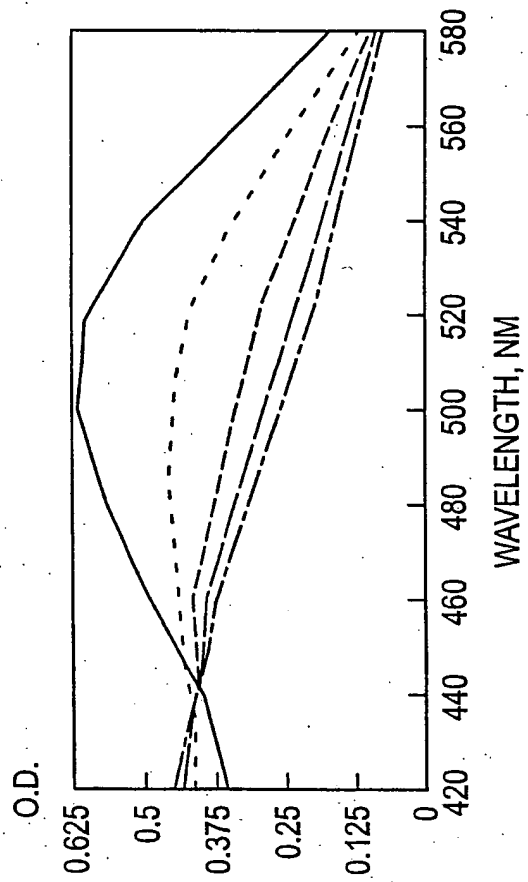
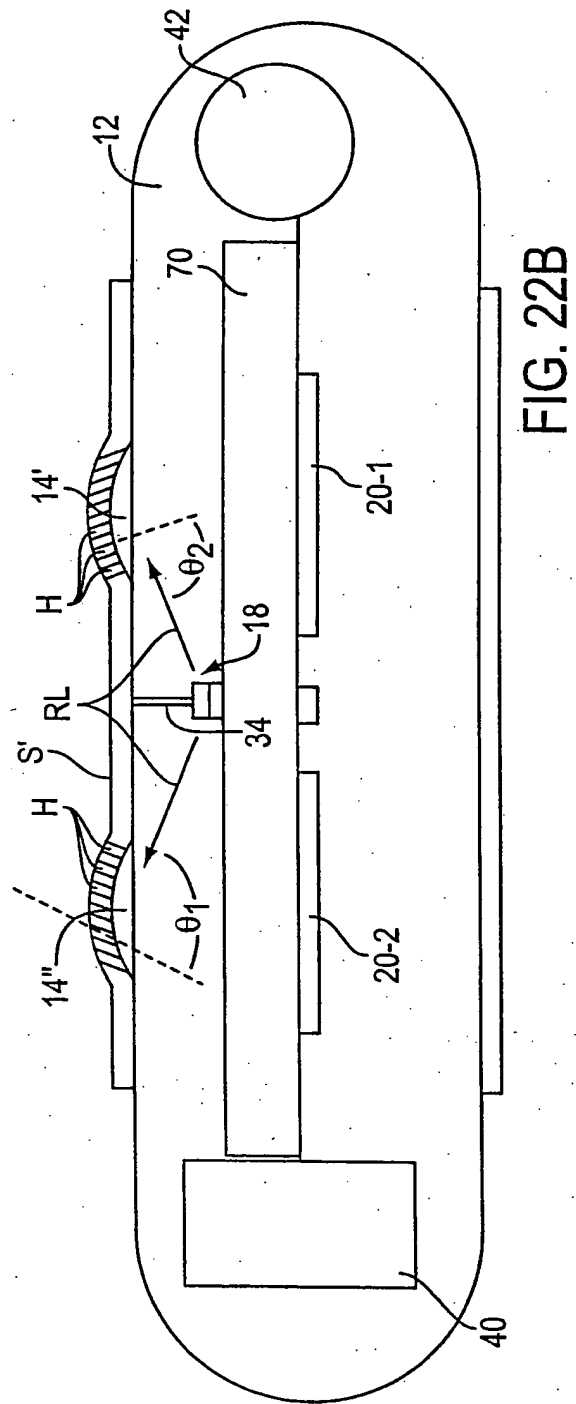
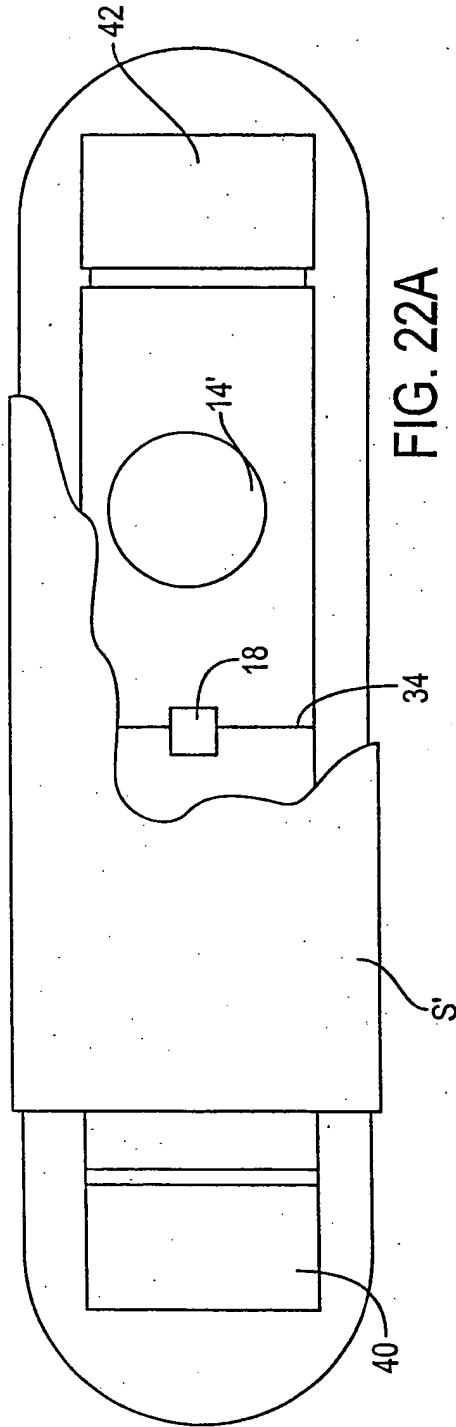


FIG. 21

# OPTICAL-BASED SENSING DEVICES

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OPTICAL-BASED SENSING DEVICES

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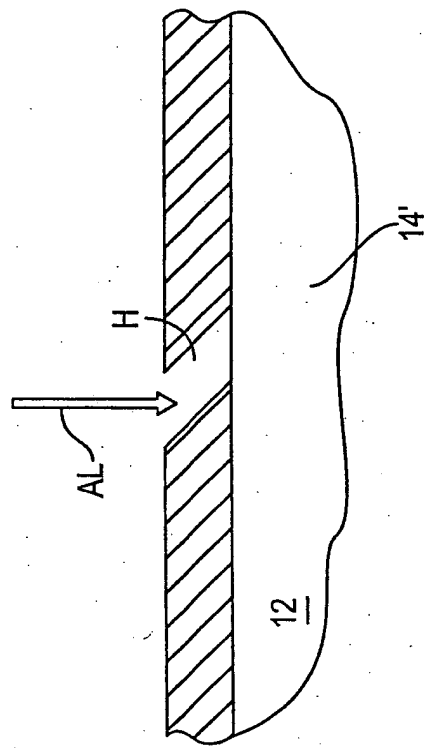


FIG. 22C

OPTICAL-BASED SENSING DEVICES

Arthur E. Colvin, Jr.

Atty. Dkt. 2232-205

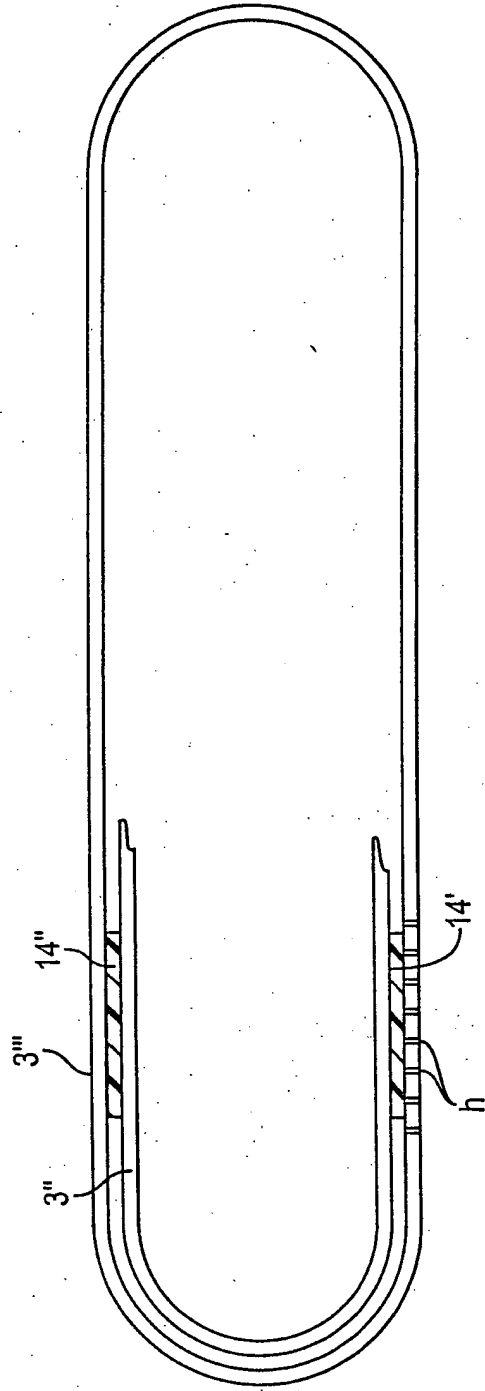
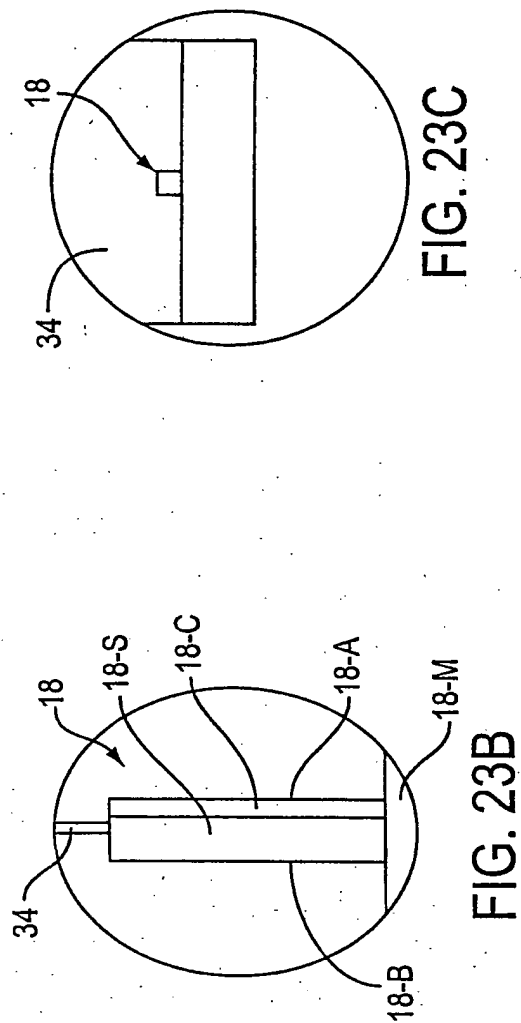
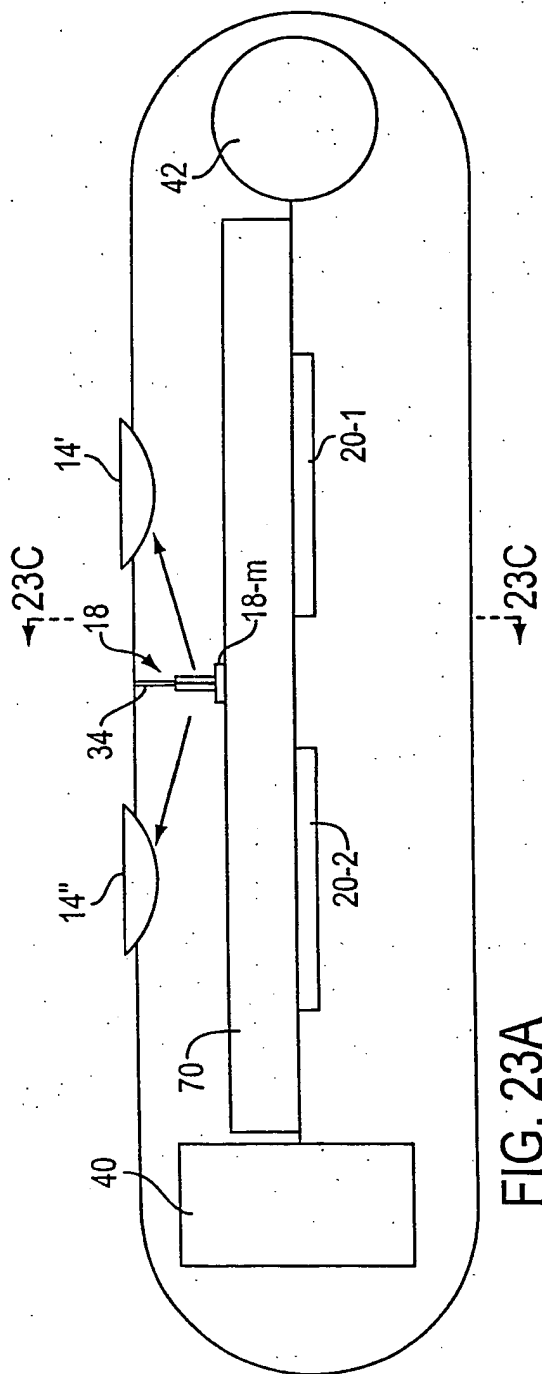


FIG. 22D





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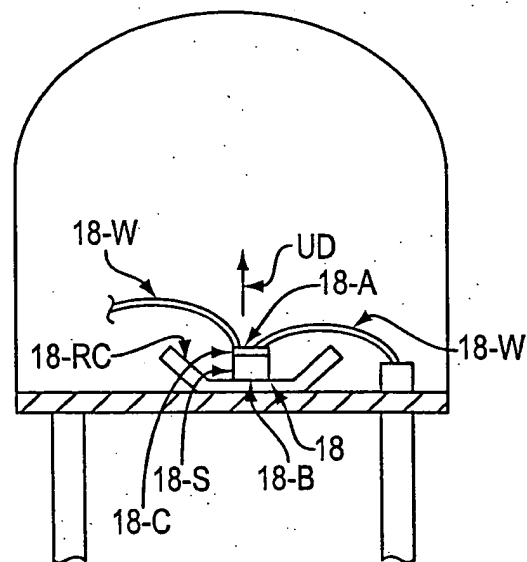


FIG. 23D

OPTICAL-BASED SENSING DEVICES

Arthur E. Colvin, Jr.

Atty. Dkt. 2232-205

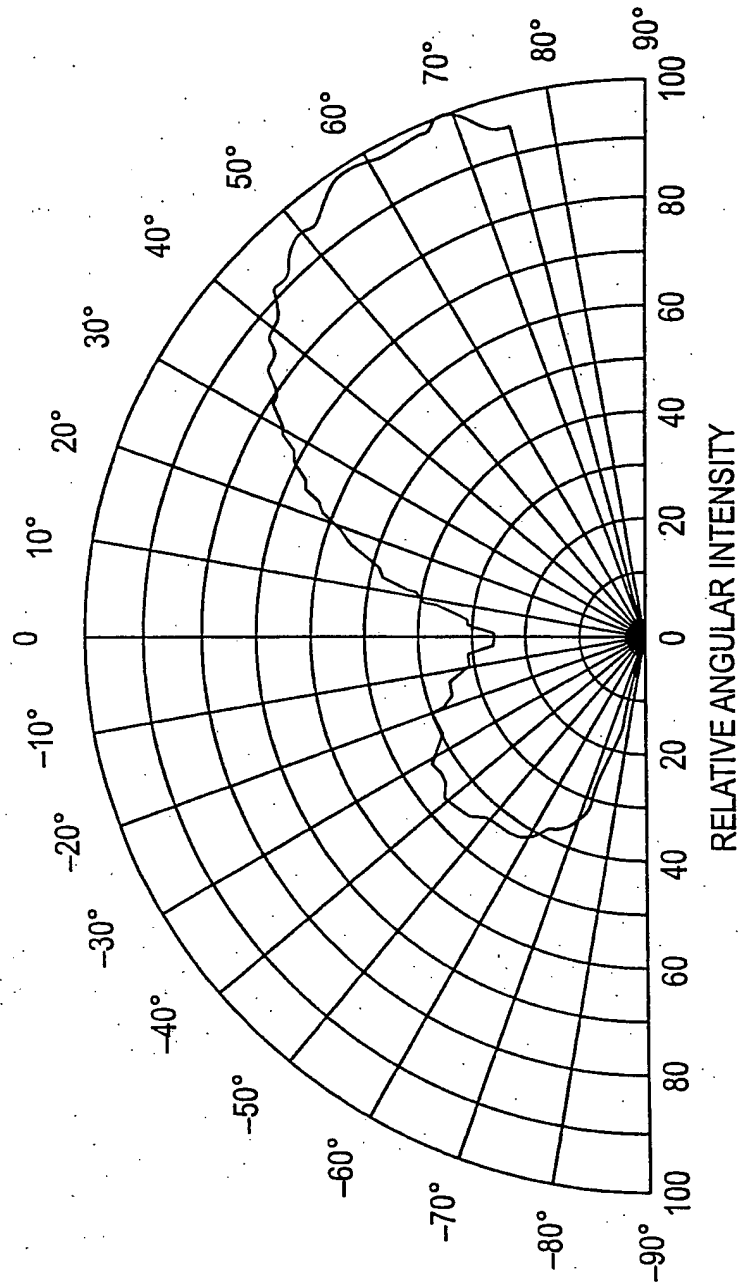


FIG. 24A

OPTICAL-BASED SENSING DEVICES

Arthur E. Colvin, Jr.

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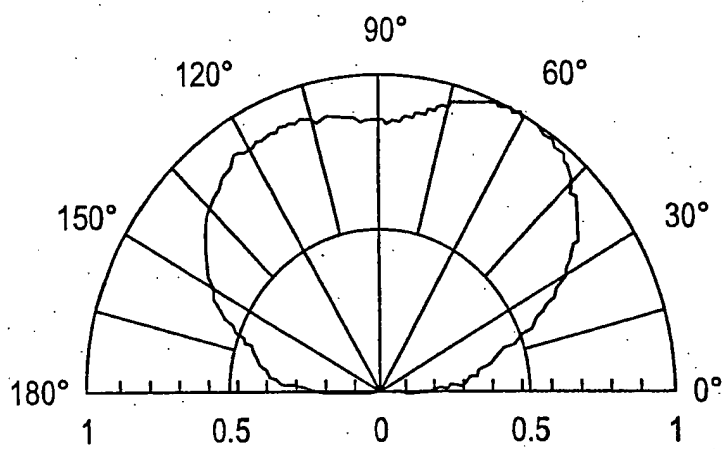
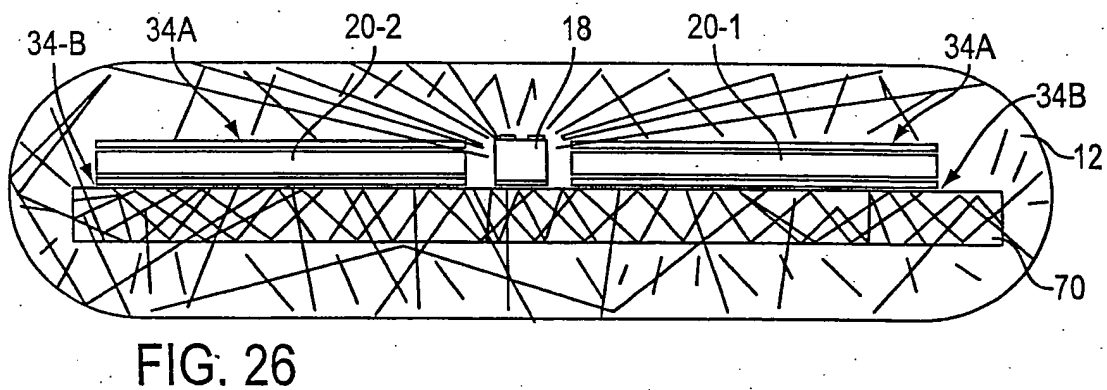
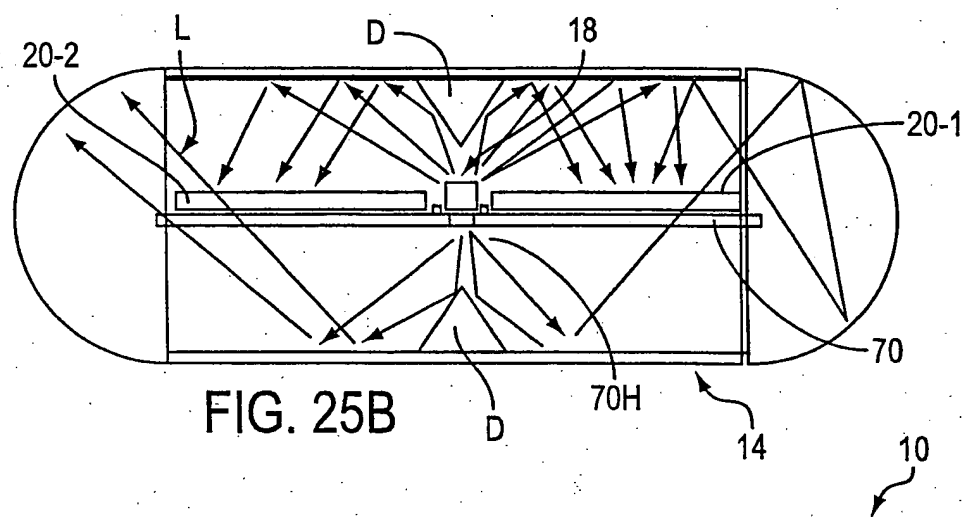
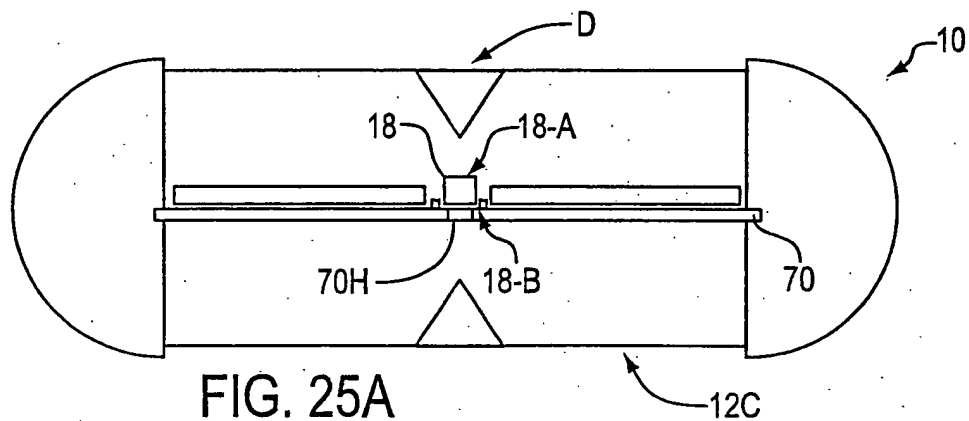


FIG. 24B

# OPTICAL-BASED SENSING DEVICES

Arthur E. Colvin, Jr.

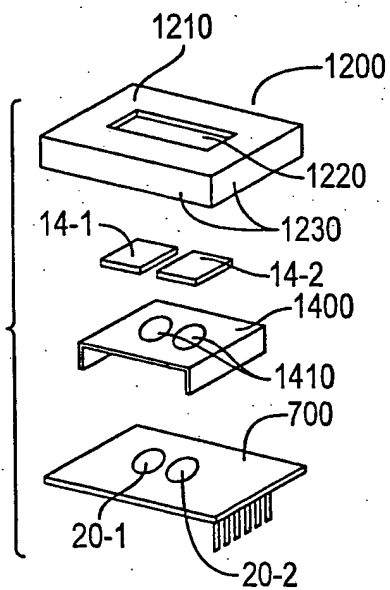
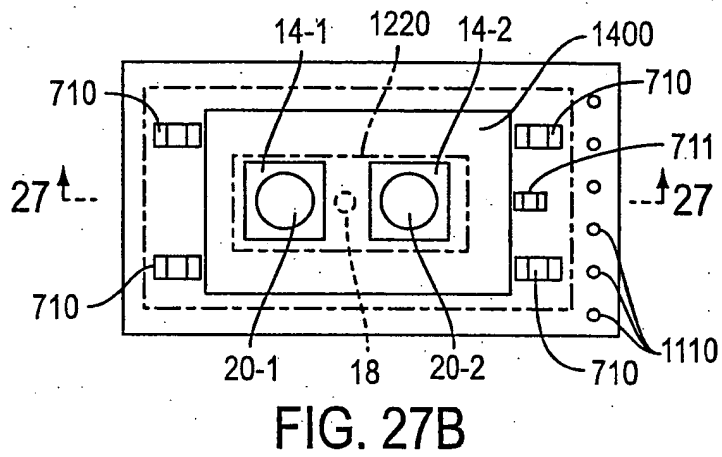
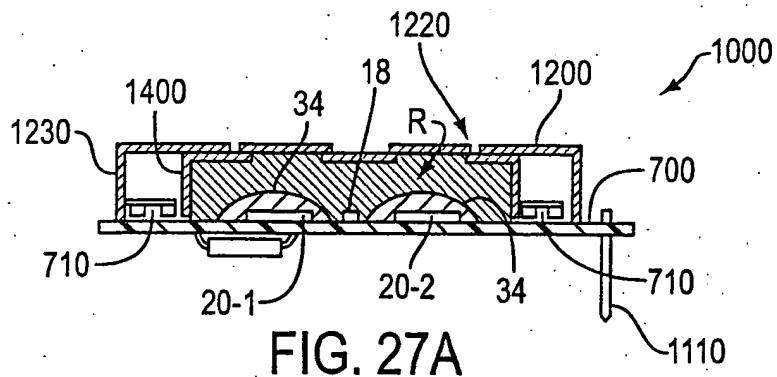
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# OPTICAL-BASED SENSING DEVICES

Arthur E. Colvin, Jr.

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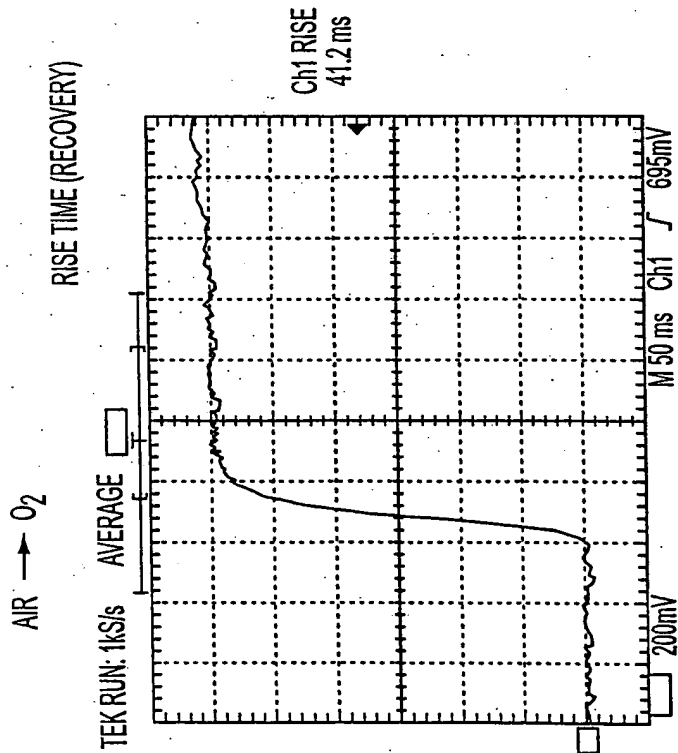
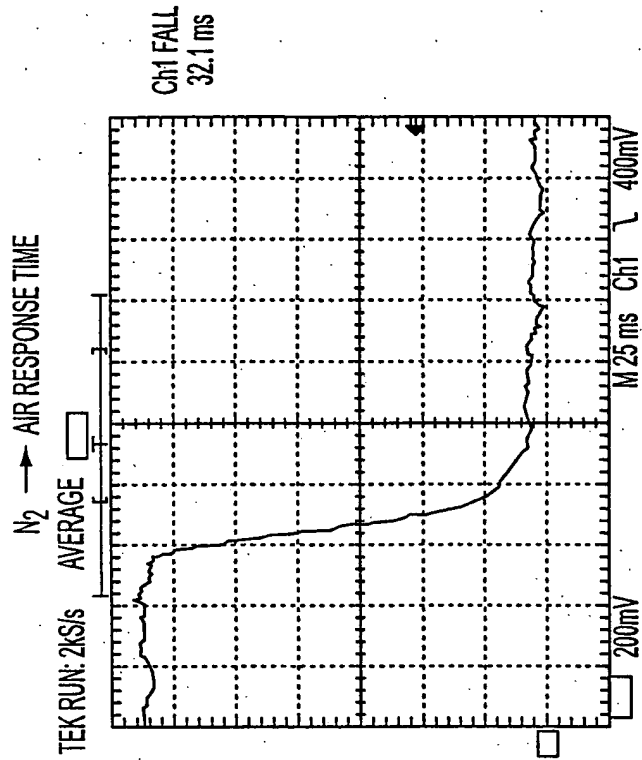


FIG. 28A



**FIG. 28B**

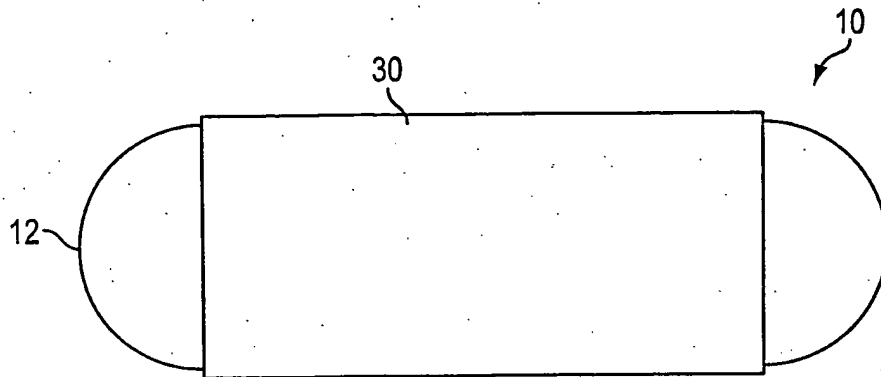


FIG. 29A

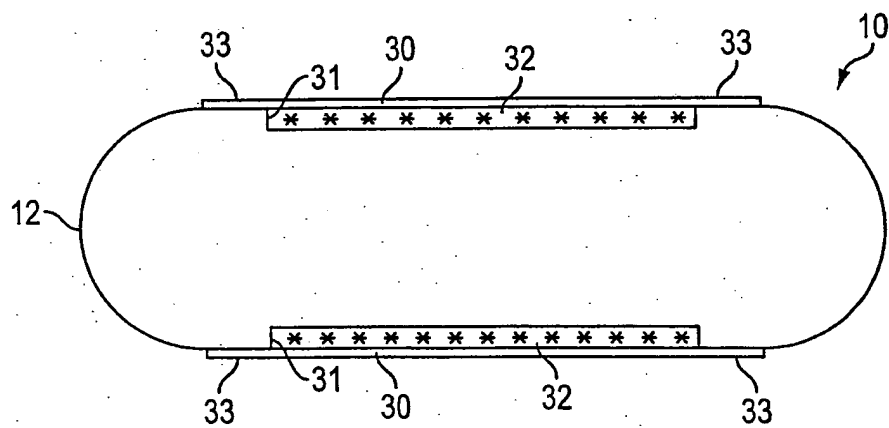


FIG. 29B